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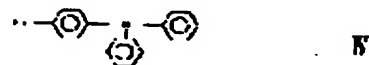
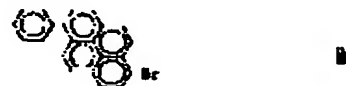
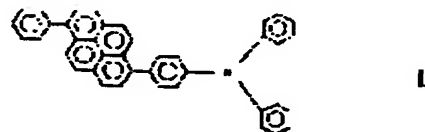
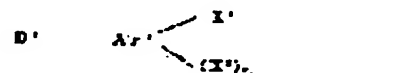
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(54) AMINO OR STYRYL COMPOUND AND ORGANIC ELECTROLUMINESCENT ELEMENT USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new amino or styryl compound which gives organic electroluminescent elements having excellent heat resistance and long lives.

SOLUTION: A compound of formula I (Ar1 is a 6-30C divalent or trivalent aromatic group; X1 and X2 are each styryl, a styrylaryl, a diarylamino or a diarylaminoaryl; (n) is 0 or 1; D1 is a 16-60C monovalent group having four or more carbon rings, when either of X1 or X2 is styryl or styrylaryl, or a 20-60C monovalent aromatic group having five or more carbon rings, when X1 and X2 are each the other). For example, a compound of formula II. The compound of formula I is obtained by preparing a Grignard reagent from a compound of formula III and then reacting the Grignard reagent with a compound of formula IV and Ni(dppp)Cl₂ in anhydrous tetrahydrofuran.



LEGAL STATUS

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